Resource Summary Report

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Penn State Hershey College of Medicine Transmission Electron Microscopy Core Facility

RRID:SCR_021200
Type: Tool

Proper Citation

Penn State Hershey College of Medicine Transmission Electron Microscopy Core Facility (RRID:SCR_021200)

Resource Information

URL: https://research.med.psu.edu/core-facilities/transmission-electron-microscopy/

Proper Citation: Penn State Hershey College of Medicine Transmission Electron Microscopy Core Facility (RRID:SCR_021200)

Description: Provides consultation and training in TEM imaging of biological, chemical, and materials science samples.

Synonyms: Transmission Electron Microscopy Facility at Penn State College of Medicine, TEM Facility at Penn State College of Medicine, TEM

Resource Type: core facility, service resource, access service resource

Keywords: USEDit, ABRF

Funding:

Availability: open

Resource Name: Penn State Hershey College of Medicine Transmission Electron Microscopy Core Facility

Resource ID: SCR_021200

Alternate IDs: ABRF_1172

Alternate URLs: https://coremarketplace.org/?FacilityID=1172

Record Creation Time: 20220129T080354+0000

Record Last Update: 20250517T060429+0000

Ratings and Alerts

No rating or validation information has been found for Penn State Hershey College of Medicine Transmission Electron Microscopy Core Facility.

No alerts have been found for Penn State Hershey College of Medicine Transmission Electron Microscopy Core Facility.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 16 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF.

Kim SY, et al. (2025) Involvement of p38 MAPK and MAPKAPK2 in promoting cell death and the inflammatory response to ischemic stress associated with necrotic glioblastoma. Cell death & disease, 16(1), 12.

Shaikh K, et al. (2025) ZFAND6 promotes TRAF2-dependent mitophagy to restrain cGAS-STING signaling. iScience, 28(1), 111544.

Hamamoto K, et al. (2024) Unveiling the physiological impact of ESCRT-dependent autophagosome closure by targeting the VPS37A ubiquitin E2 variant-like domain. Cell reports, 43(12), 115016.

Ayers KN, et al. (2024) The CD4 T cell-independent IgG response during persistent virus infection favors emergence of neutralization-escape variants. bioRxiv : the preprint server for biology.

Lu T, et al. (2024) LC3-associated phagocytosis of neutrophils triggers tumor ferroptotic cell death in glioblastoma. The EMBO journal, 43(13), 2582.

Yau E, et al. (2024) SP-R210 isoforms of Myosin18A modulate endosomal sorting and recognition of influenza A virus infection in macrophages. Microbes and infection, 26(3), 105280.

Evalt ED, et al. (2024) Endoplasmic reticulum stress alters myelin associated protein expression and extracellular vesicle composition in human oligodendrocytes. Frontiers in molecular biosciences, 11, 1432945.

Tang M, et al. (2024) Inhibition of thioredoxin reductase 1 sensitizes glucose-starved glioblastoma cells to disulfidptosis. Cell death and differentiation.

Nusawardhana A, et al. (2024) USP1-dependent nucleolytic expansion of PRIMPOL-generated nascent DNA strand discontinuities during replication stress. Nucleic acids research, 52(5), 2340.

Bui V, et al. (2024) Blocking autophagosome closure manifests the roles of mammalian Atg8-family proteins in phagophore formation and expansion during nutrient starvation. Autophagy.

Jentink N, et al. (2023) Cryoelectron tomography reveals the multiplex anatomy of condensed native chromatin and its unfolding by histone citrullination. Molecular cell, 83(18), 3236.

Hale A, et al. (2023) Multi-step processing of replication stress-derived nascent strand DNA gaps by MRE11 and EXO1 nucleases. Nature communications, 14(1), 6265.

Sunilkumar S, et al. (2022) REDD1 Ablation Attenuates the Development of Renal Complications in Diabetic Mice. Diabetes, 71(11), 2412.

Schleicher EM, et al. (2022) The TIP60-ATM axis regulates replication fork stability in BRCA-deficient cells. Oncogenesis, 11(1), 33.

Khatib JB, et al. (2022) Complementary CRISPR genome-wide genetic screens in PARP10-knockout and overexpressing cells identify synthetic interactions for PARP10-mediated cellular survival. Oncotarget, 13, 1078.

Wills CA, et al. (2021) Chemotherapy-Induced Upregulation of Small Extracellular Vesicle-Associated PTX3 Accelerates Breast Cancer Metastasis. Cancer research, 81(2), 452.